

Title (en)

GAS BARRIER FILM HAVING PROTECTIVE COATING LAYER STACKED THEREON INCLUDING INORGANIC PARTICLES

Title (de)

GASSPERRFILM MIT DARAUF GESCHICHTETER SCHUTZSCHICHT MIT ANORGANISCHEN TEILCHEN

Title (fr)

FILM BARRIÈRE AUX GAZ SUR LEQUEL EST EMPILÉE UNE COUCHE DE REVÊTEMENT DE PROTECTION QUI COMPORTE DES PARTICULES INORGANIQUES

Publication

EP 2926991 A4 20160525 (EN)

Application

EP 13857851 A 20131129

Priority

- KR 20120137344 A 20121129
- KR 2013011041 W 20131129

Abstract (en)

[origin: EP2926991A1] A gas barrier film with a protective layer including inorganic particles is provided. A gas barrier effect of the gas barrier film is improved by including inorganic nanoparticles in a protective layer when a protective coating is performed to protect a gas barrier layer.

IPC 8 full level

B05D 5/00 (2006.01); **C08J 7/04** (2006.01); **C08J 7/043** (2020.01); **C08J 7/048** (2020.01)

CPC (source: EP KR US)

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Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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EP 2926991 A1 20151007; **EP 2926991 A4 20160525**; **EP 2926991 B1 20190227**; CN 104903098 A 20150909; CN 104903098 B 20161207; JP 2016504214 A 20160212; JP 6108136 B2 20170405; KR 101640643 B1 20160718; KR 20140070481 A 20140610; TW 201438906 A 20141016; TW I501870 B 20151001; US 10882275 B2 20210105; US 2016281229 A1 20160929; WO 2014084686 A1 20140605

DOCDB simple family (application)

EP 13857851 A 20131129; CN 201380062623 A 20131129; JP 2015544002 A 20131129; KR 2013011041 W 20131129; KR 20130147869 A 20131129; TW 102143973 A 20131129; US 201314442301 A 20131129